

GREEN CHEMISTRY

EDUCATION CHALLENGE AWARDS

Tackling the Challenge of Preparing the Next Generation Workforce for a Sustainable Future

At Beyond Benign, our mission is to empower educators to transform chemistry education for a sustainable future. To do that, we are partnering with industry to provide funding for educators and students towards accelerating the adoption of green chemistry on higher education campuses around the world.

GREEN CHEMISTRY EDUCATION CHALLENGE AWARDS

The **Green Chemistry Education Challenge Awards** aims to support the integration of green chemistry education into courses and curricula with financial aid to achieve impactful change. Strong applications will receive funding to achieve the following goals:

- Increase the awareness of green chemistry and the [Green Chemistry Commitment \(GCC\)](#) program across the chemistry department and institution.
- Increase awareness of the institution's dedication to green chemistry education through conference attendance, webinars, publications, social media campaigns, etc.
- Transform curriculum and lab procedures to achieve the [GCC's Green Chemistry Student Learning Objectives](#) so all chemistry majors, upon graduation, have proficiency in the following essential green chemistry competencies:



Theory



Laboratory Skills



Toxicology



Application

CURRENT GRANT OPPORTUNITIES:

BIOGEN GREEN CHEMISTRY EDUCATION CHALLENGE AWARDS

Two awards of \$5,000 each for US-based Minority Serving Institutions who are GCC Signers. Applications are open.

Learn more and apply [here](#).

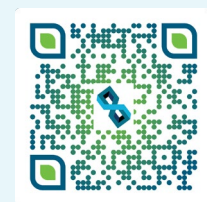
Deadline April 30, 2023



3M STUDENT GROUP GREEN CHEMISTRY EDUCATION AWARDS

\$400 each for student groups from US-based Minority Serving Institutions. Applications are open.

Learn more and apply [here](#).



COMING SOON! MILLIPORESIGMA GREEN CHEMISTRY EDUCATION CHALLENGE AWARDS

Up to ten awards of \$5,000 each for all GCC Signer Institutions.

Applications open in June 2023.

EXAMPLES OF GREEN CHEMISTRY EDUCATION INITIATIVES VARY BY FUNDING LEVELS. PAST PROJECTS INCLUDE BUT ARE NOT LIMITED TO:

- **Assessment of current chemistry curriculum through departmental self-assessment**, followed by implementation of suggested changes from Beyond Benign.
- **Support for raising awareness of green chemistry** on campus through departmental initiatives or student group activities.
- **Support of faculty and students' professional development** through green chemistry learning opportunities.
- **Funds to purchase laboratory equipment and supplies** for greener approaches within teaching and/or research, such as: Water-less condensers, solvent recycling systems, water-less rotary evaporator set-ups, etc.
- **Curriculum redesign** by faculty, or staff with direct affiliations to chemistry or engineering departments.
- **Creating collaborations between chemistry and engineering departments** to integrate green chemistry into the appropriate courses to ensure chemists and engineers have a green chemistry skill set.
- **Collecting collaborations between sustainability/environmental health/safety and chemistry departments.** Explore working in these existing networks to get events and initiatives promoted across campus and beyond.

FAQS

? **Question:** Can more than one proposal be submitted per institution?

Answer: Yes, more than one proposal may be submitted. However, the funding committee will determine if more than one proposal will be funded per institution.

? **Question:** Can indirect costs be included in the funding proposal?

Answer: Yes, up to 20% of the budget can be indirect costs.